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| U.S. PATENT DOCUMENTS     |                |   |  |                             |  |   |                      |   |              |  |
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| INITIALS                  | NO.            | Nu  | mber-Kind Code2 (# known)  | MM-DD-YYYY                  | Document Document                                  |   |                      | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |              |  |
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| EXAMINER'S<br>INITIALS    | CITE<br>NO.    | Foreign Patent Document<br>Country Codes -Number 4-Kind<br>Codes (if known)   |  | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines<br>Where Relevant<br>Figures Appear |                      | Translation Yes No  |              |  |
| /CO/                      |                | *   | JP 2000-22569  | 01-21-2000                  | TOSHIBA TEC CORP                                   |   |                      | JAPAN<br>(w/English<br>Abstract)  |              |  |
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| /CO/                      |                |   | Japanese Office Action Issued in corresponding Japanese Patent Application No. 2002-337307<br>dated December 26, 2006. |                             |  |   |                      |   |              |  |
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| EXAMINER<br>/Curtis Odom/ |                |   |  |                             | DATE CONSIDERED 08/18/2007                         |   |                      |   |              |  |
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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|   |  | (PT   | O-1449)  |                                | FILING DATE November 20, 2                         | GROUP<br><b>2611</b>         |   |                                   |             |
| -   |  |   | U  | I.S. PATENT                    | DOCUMENTS  |                              |   |                                   |             |
| EXAMINER'S<br>INITIALS  | CITE<br>NO.  | Nu  | Document Number mber-Kind Code2 (# known)                              | Publication Date MM-DD-YYYY    | Name of Patentee or Appli<br>Document              | Page<br>Rele                 | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |                                   |             |
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| /CO/  |  | ,   | JP 2002-101030   | 04-05-2002                     | NEC CORP   |                              |   | JAPAN (w/<br>English<br>Abstract) |             |
| /CO/  |  |   | JP 2000-252734   | 09-14-2000                     | NIPPON TELEGRAPH & TELEPHONE CORP                  |                              |   | JAPAN (w/<br>English<br>Abstract  |             |
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| EXAMINER'S<br>INITIALS  | CITE<br>NO.  | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |                                |  |                              |   |                                   |             |
| /CO/  | /CO/ Japanese Office Action, with English Translation, issued in corresponding Japanese Patent Application No. 2002-337307, dated on April 27,2007 |   |  |                                |  |                              |   |                                   |             |
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